

Converting Colors

YUV(91.3070, 34.8516, 21.6558)

Have a look what the booklet for
YUV(91.3070, 34.8516, 21.6558)
contains.

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Color

**YUV(91.3070, 34.8516,
21.6558)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 7441A2 |
| RGB | 116, 65, 162 |
| RGB Percent | 45%, 25%, 64% |
| CMY | 0.5451, 0.7451, 0.3647 |
| CMYK | 0.28, 0.60, 0.00, 0.36 |
| HSL | 272°, 43%, 45% |
| HSV | 272°, 60%, 64% |
| XYZ | 15.6143, 10.1022, 35.3094 |
| YIQ | 91.3070, -0.7410, 40.9790 |

Conversions

Conversions Part 2

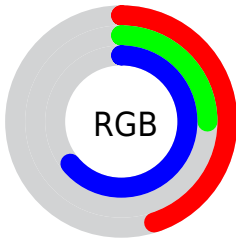
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 116, 65, 162 |
| Decimal | 7618978 |
| CIE _{Lab} | 38.03, 40.97, -44.26 |
| CIE _{LCh} | 38, 60.313, 312.792 |
| Yxy | 10.1022, 0.2559, 0.1655 |
| Android (android.graphics.Color) | 4285809058 (0xFF7441A2) |
| YUV | 91.3070, 34.8516, 21.6558 |
| Hunter-Lab | 31.7840, 32.0686, -43.6174 |

Details

The YUV color **91.3070, 34.8516, 21.6558** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **135.6930, -34.8516, -21.6558**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.3720, 36.2986, 24.2298**, and **40.1820, 34.4203, 20.0114** is the 20% darker color. If you saturate the color by 10%, you get **79.5230, 40.6612, 24.9743**, and if you desaturate by 10%, it is **103.0910, 29.0421, 18.3372**.

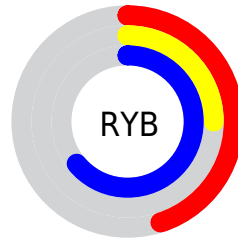
Distribution



Red (45%)

Green (25%)

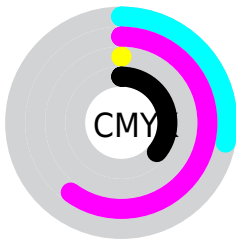
Blue (64%)



Red (45%)

Yellow (25%)

Blue (64%)

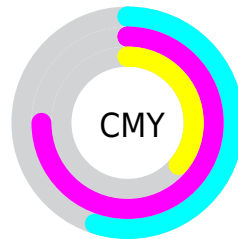


Cyan (28%)

Magenta (60%)

Yellow (0%)

Black (36%)



Cyan (55%)

Magenta (75%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.3070, 34.8516, 21.6558 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 91.3070, 34.8516, 21.6558 by changing the saturation by 10% instead.

91.3070, 34.8516,
21.6558

91.3070, 34.8516,
21.6558

255.0000, 0.0000,
0.0000

66.0680, 33.9835,
20.1114

143.3720, 36.2986,
24.2298

40.1820, 34.4203,
20.0114

170.3120, 37.3142,
25.1594

20.4540, 31.8212,
13.6338

195.8580, 29.1570,
28.1885

10.8410, 24.7284,
1.8934

220.3670, 17.0741,
30.3731

5.5060, 16.0195,
-4.8288

236.8030, 8.9711,
15.9588

2.2970, 6.2626,
-2.0145

253.8260, 0.5788,

0.0000, 0.0000,

1.0296

0.0000

■ 91.3070, 34.8516,
21.6558

■ 91.3070, 34.8516,
21.6558

■ 79.5230, 40.6612,
24.9743

■ 103.0910, 29.0421,
18.3372

■ 68.0380, 46.3233,
28.9077

■ 114.5760, 23.3800,
14.4038

■ 55.6670, 52.4222,
32.7410

■ 126.9470, 17.2811,
10.5705

■ 43.8830, 58.2317,
36.0596

■ 138.7310, 11.4716,
7.2519

■ 150.2160, 5.8095,
3.3186

■ 162.0000, 0.0000,
0.0000

■ 173.7840, -5.8095,
-3.3186

■ 185.8560,
-11.7610, -7.7667

■ 197.6400,
-17.5705, -11.0853

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.4470, 55.4886, -64.4130



91.3070, 34.8516, 21.6558



82.3640, 18.5545, 68.9638

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.3070, 34.8516, 21.6558



84.6670, -41.7408, 41.5110



77.6970, 15.9254, -68.1403

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



91.3070, 34.8516, 21.6558



135.6930, -34.8516, -21.6558

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.7090, -5.7725, -62.0118



91.3070, 34.8516, 21.6558



82.0880, -40.4694, 6.9388

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.3070, 34.8516, 21.6558



80.9970, -28.5925, 71.0396



69.1210, -34.0767, -36.9401



81.6530, 36.1601, -71.6097

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.3070, 34.8516, 21.6558



74.5590, 6.1334, 86.3328



69.1210, -34.0767, -36.9401



75.1720, 8.7892, -65.9258

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



91.3070, 34.8516, 21.6558



184.3120, 13.6502, 8.4964



103.6470, 28.7680, -33.8934



90.2100, 8.2775, 5.0778



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.3070, 34.8516, 21.6558



100.3620, 55.0375, 33.8855



104.8330, 27.1973, 50.1355



75.5210, 3.1941, 2.1741



39.2540, 52.1328, 32.2262



4.7430, 6.5357, 3.7334

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



99.2470, 5.7942, 55.0344



113.0690, 9.3330, 86.7625



122.1670, -27.1973, -50.1355



76.1470, 0.4205, 5.1331



51.2210, 8.7650, 82.2442



6.2940, 0.8411, 10.2662

Previews

White Background



This preview shows how the YUV color 91.3070, 34.8516, 21.6558 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 91.3070, 34.8516, 21.6558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

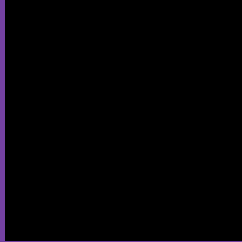
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 91.3070, 34.8516, 21.6558

Background



This preview shows how black text looks on a background with the YUV color 91.3070, 34.8516, 21.6558.



This preview shows how white text looks on a background with the YUV color 91.3070, 34.8516,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

91.3070, 34.8516, 21.6558

Protanopia

72.0450, 55.1938, -63.1835

Deuteranopia

81.7800, 37.0835, -41.0261



Tritanopia

91.0660, -0.0325, 10.4661

Trichromacy



Original Color

91.3070, 34.8516, 21.6558

Protanomaly

78.9950, 47.8235, -32.4446

Deuteranomaly

85.3960, 36.2868, -18.7643

Tritanomaly

91.4160, 12.6129, 14.5442

Monochromacy



Original Color

91.3070, 34.8516, 21.6558

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.3720, 12.6346, 7.5668

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.3070, 34.8516, 21.6558 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(116, 65, 162)` looks like.

```
.text, #text, p{  
    color:rgb(116, 65, 162)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(116, 65, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 65, 162) }
```

Border

The CSS property to change the border of an element to YUV 91.3070, 34.8516, 21.6558 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 65, 162) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(116, 65, 162) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(116, 65, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 65, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 65, 162);  
box-shadow:4px 4px 4px 4px rgb(116, 65,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 91.3070, 34.8516, 21.6558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 65, 162) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(116, 65,  
162) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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